

our Docket No: 42390P11619



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re A	Application of:)		RECEIVED
	Davis et al.) Examiner:	Not Yet Assigned	SEP 1 8 2002
Application No.: 09/698,536) Art Unit:	2661	Technology Center 260
Filed:	October 27, 2000)		·
For: Dual Mode Uplink/Downlink Location Measurement and Multi-Protocol Location)	(37 C.F.R. § 1.8 (a) (ii) that this correspondence is to Postal Service as first class mail addressed to the Assistant Co 20231.) pring deposited with the princient postage in
	ant Commissioner for Patents ngton, D.C. 20231	Krush	Date of Deposit Name of Person Mailing Corres Ma L Le Corres Onature	ponderica 9/02 Date

POWER OF ATTORNEY BY ASSIGNEE AND REVOCATION OF PREVIOUS POWERS

Intel Corporation, a Delaware corporation ("Assignee"), having a place of business at 2200 Mission College Boulevard, Santa Clara, California 95052, hereby certifies that to the best of Assignee's kncwledge and belief, it is

[]	K] I.	the assignee of the entire right, title and interest; or
[] 2.		an assignee of less than the entire right, title and interest in the patent application/patent identified above by virtue of either:
		[] A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.

OR

- [X] B. A chain of title from the inventor(s) of the patent application/patent identified above, to the current assignee as shown below:
 - 1. An Assignment from Gregory G. Davis, Richard C. Stribling, Randy L. Engle and Richard M Nelhams to Xircom, Inc., a California corporation. This document was recorded in the United States Patent and Trademark Office at Reel 011690, Frame 0692, and a copy thereof is attached.
 - 2. An Assignment from Xircom, Inc., a California corporation, to Intel Corporation, a Delaware corporation. This document will be recorded in the United States Patent and Trademark Office in due course.
 - [X] Copies of Assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Pursuant to 37 C.F.R. §§ 1.36 and 3.71, Assignee hereby revokes all powers of attorney previously given and appoints Ramin Aghevli, Reg. No. 43,462; William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; Peggy S. Avalos, Reg. No. 42,274; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Daniel J. Burns, Reg. No. 50,222; Gregory D. Caldwell, Reg. No. 39,926; Thomas M. Coester, Reg. No. 39,637; Robert P. Cogan, Reg. No. 25,049; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Sang N. Dang, Reg. No. 51,186; Mimi Diemmy Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Justin M. Dillon, Reg. No. 42,486; Sanjeet Dutta, Reg. No. 46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George Fountain, Reg. No. 37,374; Andre Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Mark A. Goldstein, Reg. No. 50,759; Melissa A. Haapala, Reg. No. 47,622; Alan Heimlich, Reg. No. P48, 808; James A. Henry, Reg. No. 41,064; Libby H. Hope, Reg. No. 46,774; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steve Laut, Reg. No. 47,736; George Brian Leavell, Reg. No. 45,436; Samual S. Lee, Reg. No. 42791; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Julio Loza, Reg. No. 47,758; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Richard A. Nakashima, Reg. No. 42,023; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Gregg A. Peacock, Reg. No. 45,001; Marina Portnova, Reg. No. 45,750; Michael A. Proksch, Reg. No. 43,021; Randol W. Read, Reg. No. 43,876; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey S. Schubert, Reg. No. 43,098; George Simion, Reg. No. P47,089; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Ronald S. Tamura, Reg. No. 43,179; Edwin H. Taylor, Reg. No. 25,129; Lance A. Termes, Reg. No. 43,184; John F. Travis, Reg. No. 43,203; Thomas J. Treutler, Reg. No. 51,126; Kerry P. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Tom Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Archana B. Vittal, Reg. No. 45,182; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Firasat Ali, Reg. No. P45, 715;; Raul Martinez, Reg. No. P46, 904; Brent E. Vecchia, Reg. No. 48,011; and Lehua Wang, Reg. No. P48, 023; my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Alan K. Aldous, Reg. No. 31,905; Ben Burge, Reg. No. 42,372; Robert A. Burtzlaff, Reg. No. 35,466; Richard C. Calderwood, Reg. No. 35,468; Kenneth J. Cool, Reg. No. 40,570; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Jeffrey B. Huter, Reg. No. 41,086; John Kacvinsky, Reg. No. 40,040; Seth Z. Kalson, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Peter Lam, Reg. No. 44,855; Charles A. Mirho, Reg. No. 41,199; Paul Nagy, Reg. No. 37,896; Leo V. Novakoski, Reg. No. 37,198; Thomas C. Reynolds, Reg. No. 32,488; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,256

and Charles K. Young, Reg. No. 39,435; my patent attorneys, and my patent agents, of INTEL CORPORATION, with offices located at 2200 Mission College Boulevard, Santa Clara, CA 95052, telephone (408)765-8080; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Pursuant to 37 C.F.R. § 3.71, Assignee hereby states that prosecution of the abovereferenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to Mark C. Van Ness, Reg. No. 39,865, at Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, Seventh Floor, Los Angeles, California 90025-1026, and direct all telephone calls to the same at (303) 740-1980.

Assignee of Interest: INTEL CORPORATION, a Delaware corporation

Dated:	B	-2	7-	OS	-
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Ву:		<u> </u>	
-	• –		

Name: Kenneth J. Cool

Title: Senior Patent Attorney

Address of Assignee of Interest: 2200 Mission College Boulevard Santa Clara, California 95052

Respectfully submitted, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Mark C. Van Ness, Reg. No. 39,865

12400 Wilshire Boulevard Seventh Floor Los Angeles, CA 90025-1026 (303) 740-1980

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, GREGORY G. DAVIS, RICHARD C. STRIBLING and RANDY L. ENGLE, citizens of The United States of America, and RICHARD M. NELHAMS, a citizen of The United Kingdom, (hereinafter referred to as "ASSIGNORS"), have invented and own a certain invention entitled DUAL MODE UPLINK/DOWNLINK LOCATION MEASUREMENT AND MULTI-PROTOCOL LOCATION MEASUREMENT for which application for Letters Patent of the United States of America was filed on October 27, 2000, and was assigned Application No. 09/698,536, and

WHEREAS, XIRCOM, INC., a corporation organized and existing under and by virtue of the laws of the State of California and having a place of business at 2300 Corporate Center Drive, Thousand Oaks, CA 91320 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at this $\frac{27}{100}$ day of $\frac{100}{100}$ ch	, 2001
La ea St	
Gregory G. Davis	
Subscribed and sworn before me this 27th day of March	, 2001

Notary Public in FIRSO County, Colorado

WITNESS my hand at this 28 day of _	March	_, 2001.
	Richard Ctallen	
·	Richard C. Stribling	
Subscribed and sworn before me this 28	day of March	, 2001 .
	Dirolo D Rayant	
	Notary Public in FIPass County, Colora	do
	· · · · · · · · · · · · · · · · · · ·	
WITNESS my hand at this 28 day of _	MARCH	, 2001.
	Randy L. Engle	
	Randy L. Engle	
Subscribed and sworn before me this 28th	day of March	, 2001.
	Nucoll R. Bennett	
	Notary Public in El Paso County, Colora	do
WITNESS my hand at this <u>2つ</u> day of	MARCH	, 2001.
44, 61	Pich (M 1000)	, 2001.
	Richard M. Nelhams	
Subscribed and sworn before me this 27th	day of March,	, 2001.
	Mirnia R RIMANA	
	Notary Public in Elfaso County Colorar	

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Xircom, Inc., a California corporation ("Assignor"), hereby sells, assigns, transfers and conveys to Intel Corporation, a Delaware corporation ("Assignee"), it's successors, assigns and legal representatives, the entire right, title and interest in and to the United States Patent Application Number <u>09/698,536</u>.

and all divisions, continuations, and renewals thereof, and all proceeds therefor (including but not limited to, all license royalties and proceeds of infringement suits) and all United States and foreign letters patents which may be granted on the applications in a country foreign to the United States,

and all reissues, extensions thereof, and in and to any and all causes of action (excepting claims upon the United States of America) for past, present, and future infringement of any of the Letters Patents, or relating to any inventions or discoveries described therein, including the right to collect royalties for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit to their successors, assigns and legal representatives, each and every of the foregoing rights, titles and interests herein assigned to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be duly executed in its name and behalf by affixing its hand and seal thereto by its designated officer, director, or agent, whose name and title appear below.

Executed at Shousand Ooks, C.A. (city and state) this 13 day of _______, 2002.

Xircom, Inc.

Jonathan Y Free

Controller





COPY OF PAPERS CRIGINALLY FILED	

The following has been received in the U.S. Pate	The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:
Amendment/Response (pgs.)	Express Mail No.:
Appeal Brief (pgs.) (in mplicate)	Month(s) Extension of Time
Application - Utility (pgs., with cover and abstract)	This information Decision. Statement & PTO 1449 (pgs.)
Application - Rule 1.53(b) Continuation (pgs.)	☐ Issue Fee Transmittal
Application - Rule 1.53(b) Divisional (pgs.)	☐ Notice of Appeal
Application - Rule 1.53(b) CTP (pgs.)	Petition for Extension of Time
Application - Rule 1.53(d) CPA Transmittal (pgs.)	☐ Petition for
Application - Design (pgs.)	Postcard
Application - PCT (pgs.)	Power of Attorney (pgs.)
Application - Provisional (pgs.)	☐ Preliminary Amendment (pgs.)
E Assignment and Cover Sheet	Reply Brief (pgs.)
Certificate of Mailing	Response to Notice of Missing Parts
Declaration & POA (pgs.)	Small Entity Declaration for Indep. Inventor/Small Business
Disclosure Date & Oig & Capy of Inventor's Signed Later (pgs)	Transmittal Letter, in duplicate
Drawings: # of sheets includes figures	Fee Transmittal, in duplicate
Other:	

Atty/Secty Initials: MCV/KLV Jamus Docket Due Date:

BSTZ File No.: 42P11b19
Date Mailed: A2P11b19

Client: Mode Uplink/Downlink Location Measurement and Mustin Prepared Location

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Filing/Issue Date:

Serial/Patent No.: DA / 696, 530.
Client:

DLARELI, SURULUFF, TATLUK & ZAFMAN, LLP 8055 EAST TUFTS AVENUE, TTE 1350 DENVER, CO 8023 (303) 740-1980

WFS FARGO BANK 2699 11-24 1210(8)

July 17, 2002.

PAY FORTY & NO/100

DOLLARS \$

40.00

TO THE ORDER OF

Director of the United States Patent & Trademark Office Washington, DC 20231-0001

<u>#0002699# #121000248#</u> 4801

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.

Invoice:

07/17/2002

Amount:

042390.P11619 Intel Corporation

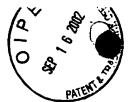
Dual Mode Uplink-Downlink

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COPY OF PAPERS ORIGINALLY FILED



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Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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1.	[X]	The C	ommis	sioner is heret	y authorized to charge	indicated fees a	and credit	
		any o	ver pay	ments to:				
		Depos	sit Acco	ount Number	02-2666	FIR	ST CLASS CERTIFICA	TE OF MAILING
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ee	Fee	Fee	Fee					
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103	18	203	9	Claims in ex				
102	84	202	42		claims in excess of 3			
104	280	204	140	Multiple dep	endent claim, if not paid	ı		
09	84	209	42	**Reissue ind	dependent claims over	original patent		ĺ
110	18	210	9	**Reissue cla	ims in excess of 20 and	d over original n	atent	
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FEE CALCULATION (continued)

3. ADDITIONAL FEES

neg. N	umber:	39,865		Telephone Number: 303-740-1980	Reg. Number: <u>39,865</u> Telephone Number: <u>303-740-1980</u>					
_				Date:						
ı yped Signat		d Name:		C. Van Ness						
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Other f	ee (specif	y)								
		.00	330	application						
179 169	740 900	279 169	370 900	Request for Continued Examination (RCE) Request for expedited examination of a design						
179	740			(see 37 CFR 1.129(b))						
149	740	249	370	(see 37 CFR 1.129(a)) For each additional invention to be examined						
146	740	246	370	property (times number of properties) For filing a submission after final rejection	40.00					
581	40	581	40	Recording each patent assignment per						
126	180	126	180	Submission of Information Disclosure Stmt						
123	50	123	50	Petitions to the Commissioner Petitions related to provisional applications						
22	130	122	130	Petitions to the Commissioner						
43 44	460 620	243 244	230 310	Design issue fee Plant issue fee						
42 43	1,280 460	242 243	640 230	Utility issue fee (or reissue)						
42	1 280	242	640	or unintentionally delayed payment of issue fee						
41	1,280	241	640	or unavoidably delayed payment of issue fee Petition to revive unintentionally abandoned application						
140	110	240	55	Petition to revive unavoidably abandoned application						
38	1,510	138	1,510	Petition to institute a public use proceeding						
21	280	221	140	Request for oral hearing						
20	320	220	160	Filing a brief in support of an appeal						
19	320	219	160	Notice of Appeal						
128	1,960	228	980	Extension for response within fifth month						
18	1,440	218	720	Extension for response within fourth month						
17	920	217	460	Extension for response within second month Extension for response within third month						
1 15 116	400	215 216	55 200	Extension for response within ground month						
115	110	215	55	Examiner action						
113	1,840*	113	1,840*	Requesting publication of SIR after						
	320	114	320	Requesting publication of SIR prior to Examiner action						
112	8,800 920*	099 112	8,800 920*	Request for inter partes reexamination						
147 099	2,520	147	2,520	For filing a request for ex-parte reexamination						
139	130	139	130	Non-English specification						
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127	50	227	25	Surcharge - late provisional filing fee						
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Docket No. 42P11619 Application No. 09/698,536



1 (1/67, 3/01) \	Form Cover Sheet U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks.	Please record the attached original documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving party(les):
Xircom, Inc.	Name: <u>Intel Corporation</u>
Additional name(s) of conveying party(ies) attached? No □Yes	Internal Address:
3. Nature of Conveyance	Street Address: 2200 Mission College Blvd., Santa Clara, CA 95052
Assignment Merger	
Security Agreement Change of Name	City: Santa Clara State/Provence: CA Zip: 95052.
Other:	Country: USA
Execution Date(s): <u>6/13/02</u>	Additional name(s) & address(es) attached?
Application Number(s) or patent number(s): : If this document is being filed together with a new applicat	
A. Patent Application No.(s) 09/698,536	B. Patent No.(s)
Additional numbers	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1 RECEIVED
Name: Blakely, Sokoloff, Taylor & Zafman LLP Internal Address:	7. Total Fee (37 CFR 3.41)\$40.00 SEP 1 8 2002
Street Address: 12400 Wilshire Boulevard, 7th Floor	Authorized to be charged to deposit accollachnology Center 260
City: Los Angeles State: California Zip: 90025	8. Deposit Account Number:
	02-2666
	(Attach duplicate copy of this page if paying by deposit account)
DO NOT L	JSE THIS SPACE
9. Statement and signature. To the best of my knowledge and believe, the foregoing is true adocument	and correct and any attached copy is a true copy of the original
Mark C. Van Ness	
11 (# 21	gnature Date
Total number of pages including co	ver sheet, attachments, and document: 2
Mail documents to be recorded wi	

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner of Patents, Box Assignments

Washington, D.C. 20231

Atty Docket No. 42P11619

Cover sheet information to:

Box Assignments

FIRST CLASS CERTIFICATE OF MAILING

(37 C.F.R. § 1.8 (a))

I hereby certify that this correspondence is being deposited with the United States Postal Service in all with sufficient postage in an envelope addressed in the Acsistant Commissioner for Patents, Washington, DC 20231.

On Date of Deposit

Name of Person Mailing Correspondence

Signature Date

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Xircom, Inc., a California corporation ("Assignor"), hereby sells, assigns, transfers and conveys to Intel Corporation, a Delaware corporation ("Assignee"), it's successors, assigns and legal representatives, the entire right, title and interest in and to the United States Patent Application Number <u>09/698,536</u>.

and all divisions, continuations, and renewals thereof, and all proceeds therefor (including but not limited to, all license royalties and proceeds of infringement suits) and all United States and foreign letters patents which may be granted on the applications in a country foreign to the United States,

and all reissues, extensions thereof, and in and to any and all causes of action (excepting claims upon the United States of America) for past, present, and future infringement of any of the Letters Patents, or relating to any inventions or discoveries described therein, including the right to collect royalties for all such infringements and the right to sue on all such causes of action for their own use and benefit and the use and benefit to their successors, assigns and legal representatives, each and every of the foregoing rights, titles and interests herein assigned to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be duly executed in its name and behalf by affixing its hand and seal thereto by its designated officer, director, or agent, whose name and title appear below.

Executed at Shousand Ooks, CA (city and state) this 13 day of _______, 2002.

Xircom, Inc.

Jonathan Y Freen

Controller